

FORM PTO-1390  
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

BMA-005

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

09/830473

INTERNATIONAL APPLICATION NO.  
PCT/US99/25274INTERNATIONAL FILING DATE  
28 October 1999PRIORITY DATE CLAIMED  
28 October 1998TITLE OF INVENTION  
APPARATUS AND METHOD FOR CONTROLLING SONIC TREATMENTAPPLICANT(S) FOR DO/EO/US  
Laugharn et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau; Copy of Form PCT/1B/308
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ have been communicated by the International Bureau with transmittal of IPER on Feb. 6, 2001.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98; Form PTO-1449 & cited references
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
  1. Statement regarding Small Entity Status
  2. Copy of Form PCT/1B/308
  3. Patent Data Sheet

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PCT/US99/25274

ATTORNEY'S DOCKET NUMBER  
BMA-00521. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO. .... \$1000.00International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$860.00International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$710.00International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$690.00International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00**ENTER APPROPRIATE BASIC FEE AMOUNT =**

CALCULATIONS PTO USE ONLY

\$ 860.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ -0-

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	44 - 20 =	24	x \$18.00	\$ 432.00
Independent claims	2 - 3 =	0	x \$80.00	\$ -0-
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$270.00
				\$ -0-
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,292.00

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above  
are reduced by 1/2.

\$ 646.00

**SUBTOTAL =**

\$ 646.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ -0-

**TOTAL NATIONAL FEE =**

\$ 646.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$ 40.00

**TOTAL FEES ENCLOSED =**

\$ 686.00

Amount to be  
refunded:

\$

charged:

\$

- a. ☒ A check in the amount of \$ 686.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 20-0531. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card  
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
125 High Street  
Boston, MA 02110

SIGNATURE

Danielle L. Herriott

NAME

43,670

REGISTRATION NUMBER

## STATEMENT REGARDING SMALL ENTITY STATUS

Attorney Docket No. BMA-005

Applicant, Patentee, or Identifier: **Laugharn *et al.***Application or Patent No.: **Not yet Assigned**Date Filed or Issued: **Herewith**Title: **Apparatus and Method for Controlling Sonic Treatment**I.A. Serial Number **PCT/US99/25274**I.A. Filing Date **October 28, 1999**NAME OF SMALL BUSINESS OR NONPROFIT ORGANIZATION: Covaris, Inc.ADDRESS OF SMALL BUSINESS OR NONPROFIT ORGANIZATION: 25 Olympia Avenue, Unit F, Woburn, MA 01801-6307

I hereby state that the above identified small business concern or nonprofit organization qualifies as a small business concern as defined in 37 CFR 1.27 for purposes of paying reduced fees to the United States Patent and Trademark Office. For a small business concern, the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern or nonprofit organization identified above with regard to the invention described in:

- ☒ the application identified above.  
☐ the patent identified above.

If the rights held by the above identified small business concern or nonprofit organization are not exclusive, each individual, concern, or organization having rights in the invention must execute separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.27(a)(1) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.27(a)(2), or a nonprofit organization under 37 CFR 1.27(a)(3).

- ☒ No such person, concern, or organization having any rights in the invention exists.  
☐ Each such person, concern, or organization having any rights in the invention is listed below.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate.

NAME OF PERSON SIGNING James A. Laugharn, Jr.TITLE OF PERSON SIGNING PresidentADDRESS OF PERSON SIGNING Covaris, Inc., 25 Olympia Avenue, Unit F, Woburn, MA 01801-6307

SIGNATURE

DATE

April 25, 2001